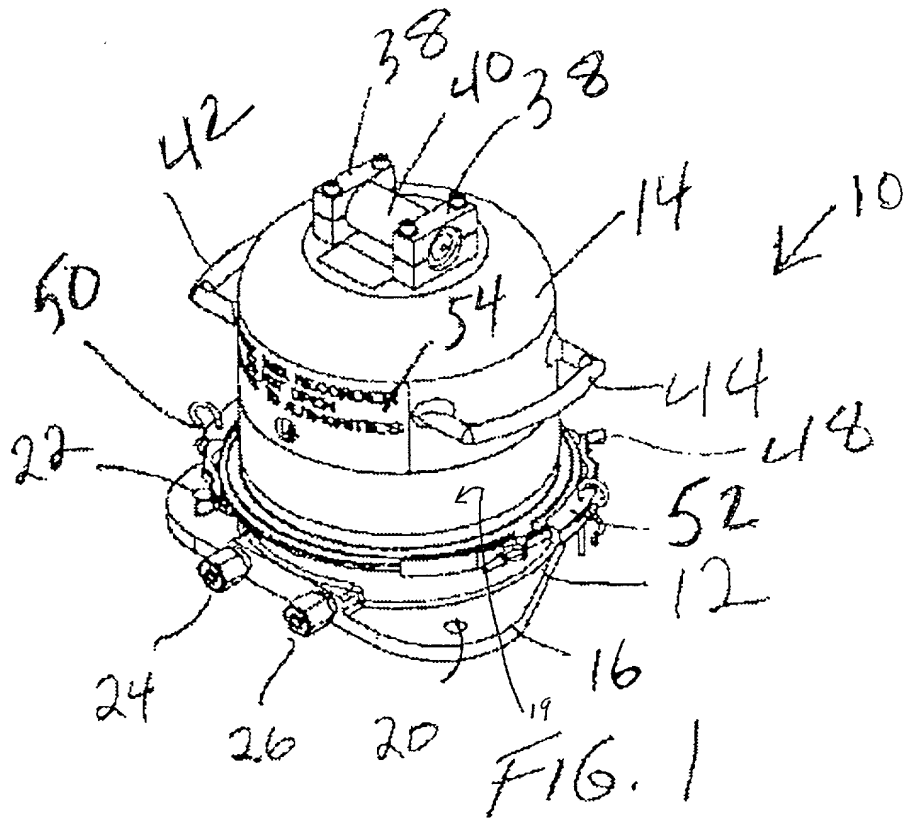


FIG. 1



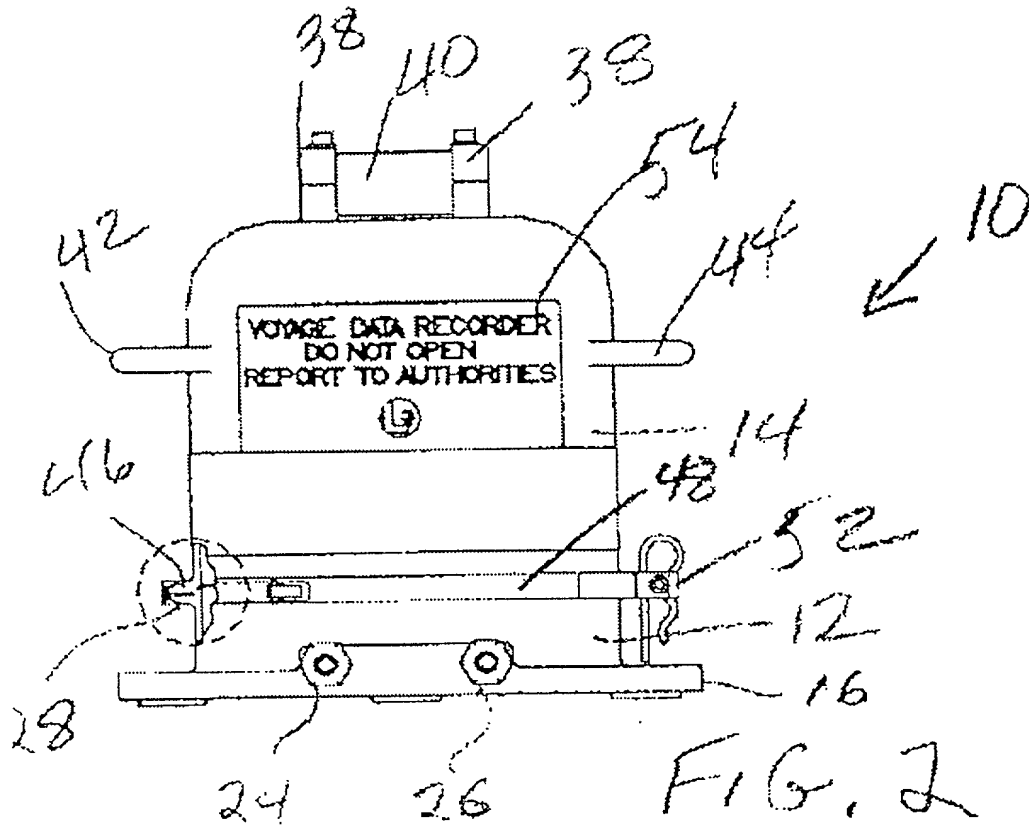
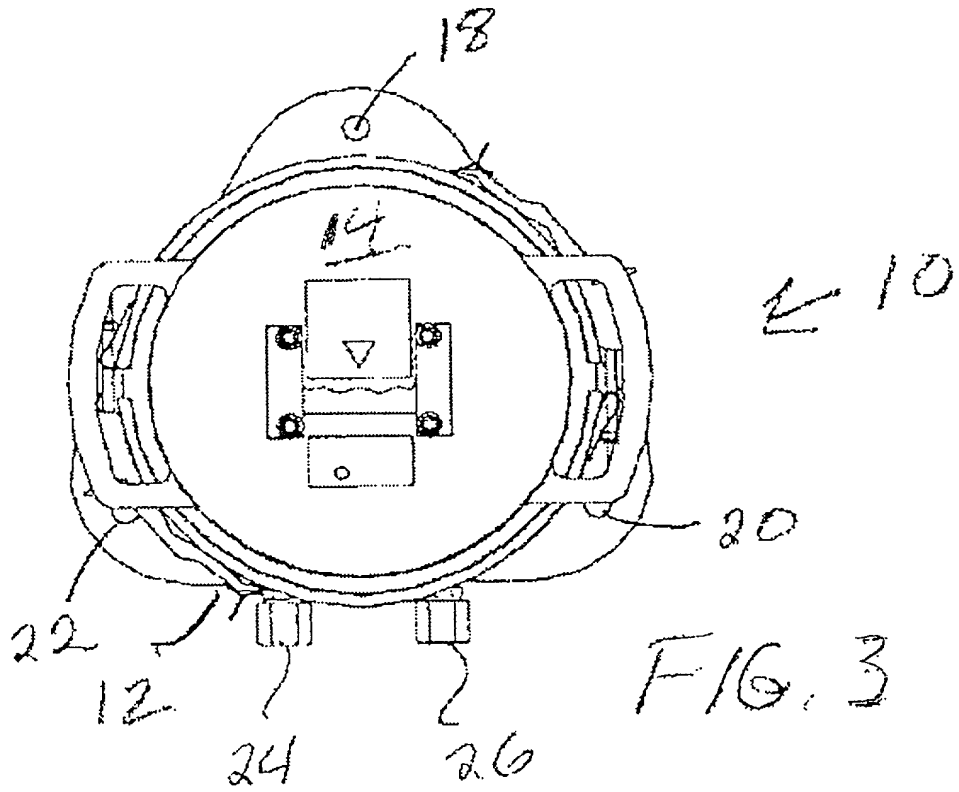


FIG. 3



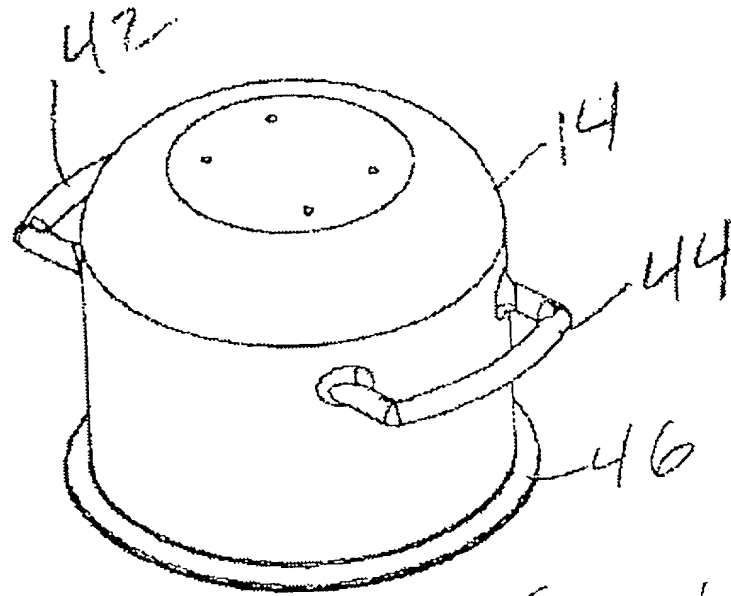
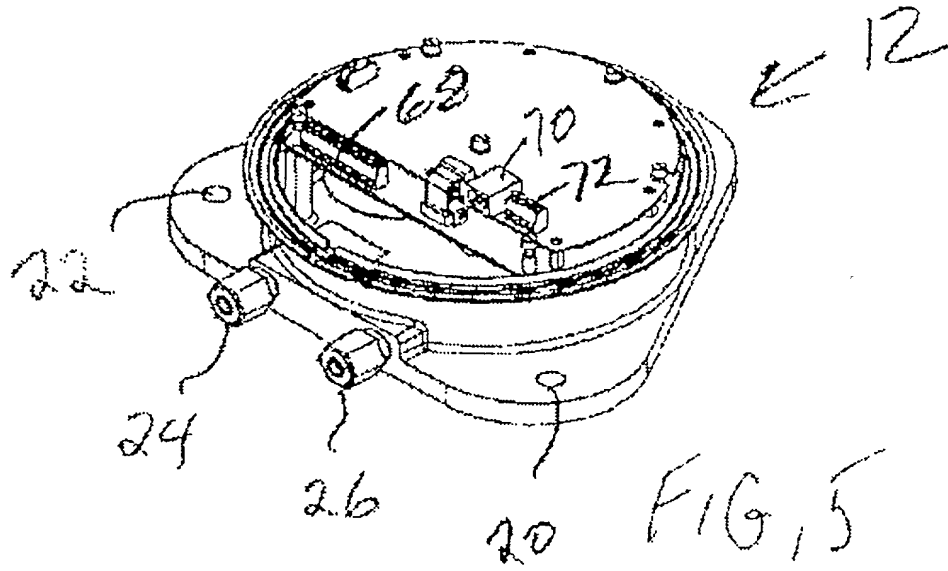
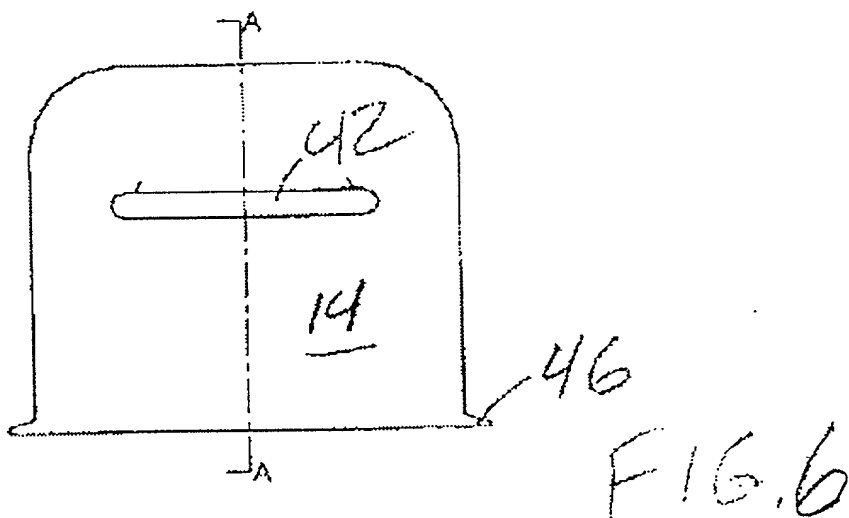


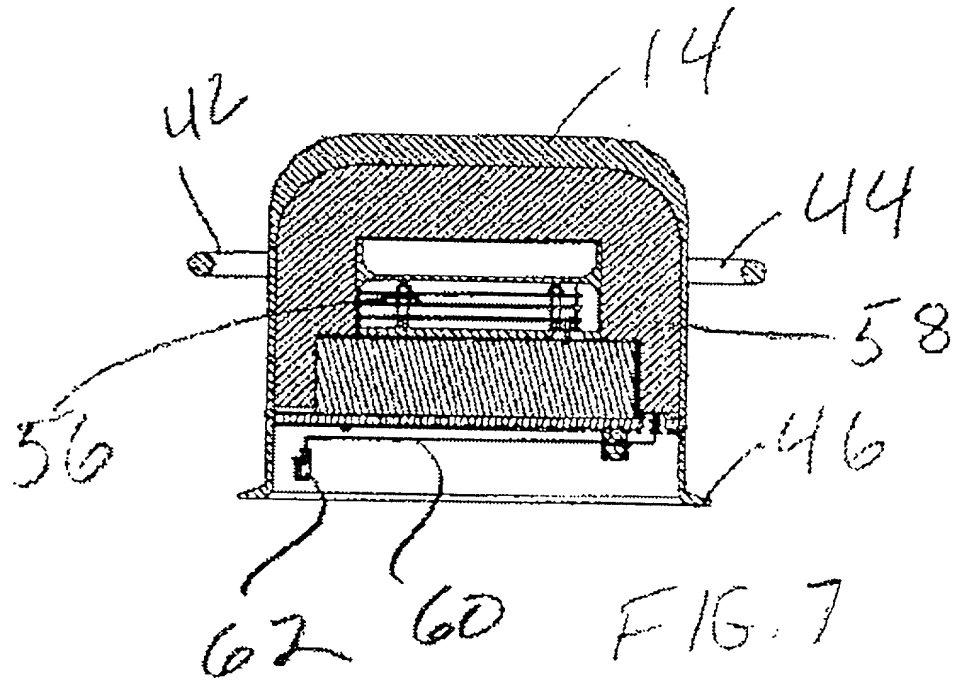
FIG. 4



105250 4955850



Year	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	



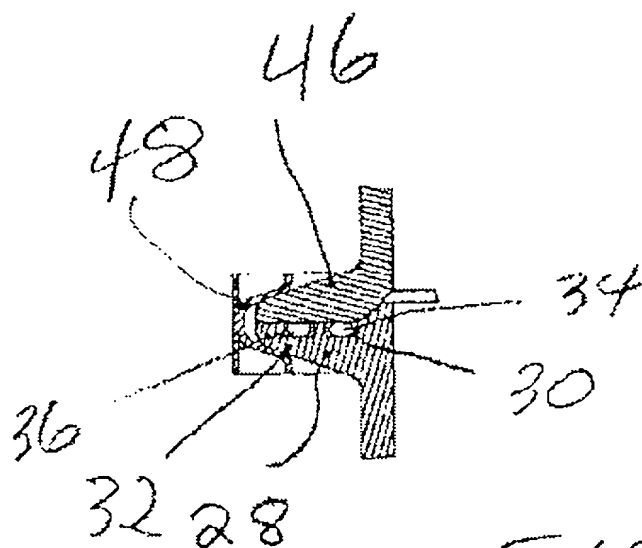
[illegible]

FIG. 8



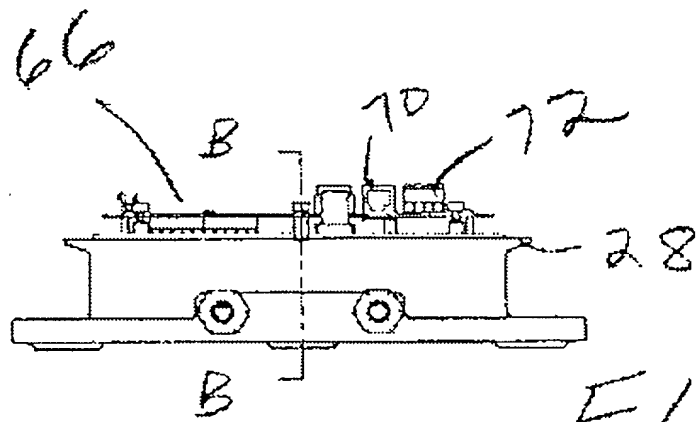


FIG. 9

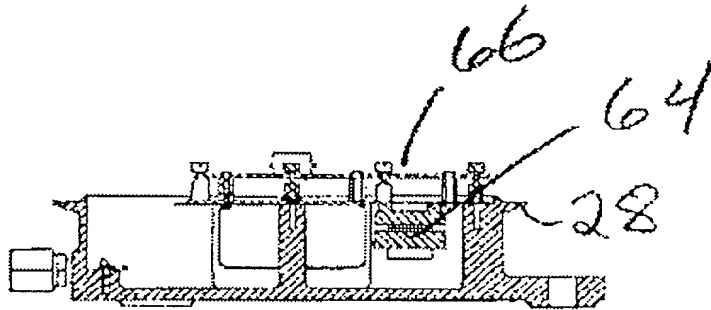
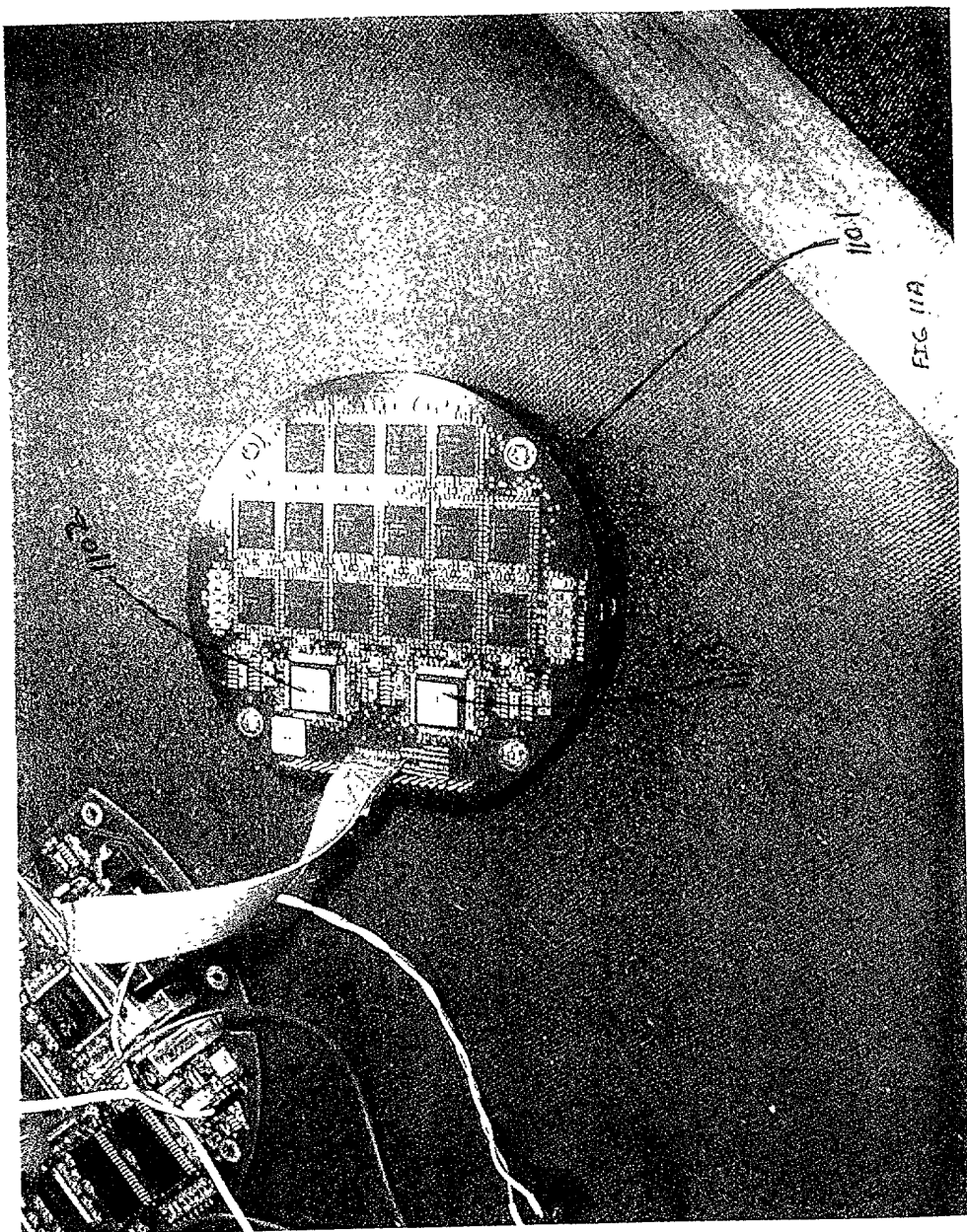


FIG. 10

FIG. 1 is a schematic diagram of a circular device, likely a watch movement, viewed from above. The device has a circular outer casing with several mounting holes. Inside the casing, a horizontal bar (24) is positioned. A component (26) is mounted on the bar. A component (28) is mounted on the bar. A component (68) is mounted on the bar. A component (70) is mounted on the bar. A component (72) is mounted on the bar. A component (74) is mounted on the bar. A component (76) is mounted on the bar.

FIG. 11

0922504 0922504



## HVR Web Interface

Home

Network Setup

Flash Setup

Sys Maintenance

Sys Information

Set Password

HVR Interface

The HVR Solid State Recorder utilizes proven aircraft technology to provide storage capacity exceeding 12 hours of radar, sensor, and audio data. The final recording medium is stored in a protective capsule within the HVR that is fitted with an Underwater Locator Beacon (ULB) to aid in locating the recorder in the event of a catastrophic incident. The HVR will be located in the vicinity of the bridge on the external deck area of a vessel so as to maximize the probability of its survival and recovery following an incident.

The HVR is designed to meet or exceed the following IEC test specifications:

- F Shock - 11 millisecond duration or 50g
- F Penetration - 3m, 250 kg drop test
- F Fire - 1100 C for 1 hour / 260 C for 10 hours
- F Deep Sea Immersion - 30 days at 6 000m of depth

FIG. 12

FIG. 13

Login Screen

Home

Network Setup

Flash Setup

Sys Maintenance

Sys Information

Set Password

HVR Interface

Administrator Access

Enter Password:

FIG. 13

702260 496257

Home

Network Setup

Flash Setup

Sys Maintenance

Sys Information

Set Password

HVR Interface

Network Setup

Parameter	Current Value	New Value
HVR IP Address	192.168.0.2	
HVR Subnet Mask	255.255.255.0	
Default Gateway IP	192.168.0.1	
Session Time-out (Seconds)	300 seconds	

Submit

FIG. 14

## Update Devices

## Home

## IVR Memory Partition Configuration

## Network Setup

Total Devices in Crash Module:	96
--------------------------------	----

3

### Flash Setup

Number of Bytes Per Device	16777716
----------------------------	----------

C

Currently Unassigned Drivers

C

## Sys Maintenance

## Update Device Allocations and Stream Names

### Sys Information

Position	Devices	Devices	Stream Name	Stream Name
0	16	<input type="text"/>	Stream_0	<input type="text"/>
1	16	<input type="text"/>	Stream_1	<input type="text"/>
2	16	<input type="text"/>	Stream_2	<input type="text"/>
3	16	<input type="text"/>	Stream_3	<input type="text"/>
4	16	<input type="text"/>	Stream_4	<input type="text"/>
5	16	<input type="text"/>	Stream_5	<input type="text"/>
6	0	<input type="text"/>	Stream_6	<input type="text"/>
7	0	<input type="text"/>	Stream_7	<input type="text"/>
8	0	<input type="text"/>	Stream_8	<input type="text"/>
9	0	<input type="text"/>	Stream_9	<input type="text"/>

Set Password

## HVR Interface

### Submit Changes

FIG. 15